

ABSTRACT

A method and device are provided that simulate the back-scattered light patterns reflected from the surface of a bar code when a bar code scanner passes a pulse of light across its surface. The bar code simulator includes a detector for detecting the presence of 5 a bar code scanner and a light source for emitting a sequence of light patterns simulating light reflected from a bar code. The bar code simulator includes circuitry to detect operating characteristics of bar code scanners and of the environment such that the bar code simulator functions properly with any variety of bar code scanners and is tolerant of operator and environment.